G3 HAPTIC SYSTEM

Benefit from a robust and compact actuator form factor while retaining the same core architecture and software integration you've come to love from D-BOX.
This updated version of our renowned G3 system now comes with our ACM G3 FLEX that features a 120/230V switch for flexible power configurations.

PERFORMANCE UNDER MAXIMUM LOAD	250I / 250HD	400I / 400HD
MAXIMUM LIFTING CAPACITY PER ACTUATOR	250 lb / 114 kg	400 lb / 182 kg
HORIZONTAL LOAD	Translation on limited friction surfaces can be done on weights up to 3 times vertical lifting capacity.	
MAXIMUM STROKE	1.5 inch / 38.1 mm	
MAXIMUM VELOCITY	100 mm/s	
MAXIMUM ACCELERATION	+/- 1 g-force	
FREQUENCY RANGE	0-100 Hz	
OPERATING TEMPERATURE RANGE	0–40°C	
OPERATING HYGROMETRY	10 to 85% (free from condensing)	

Note: It is not recommended to connect your D-BOX system to a GFCI breaker type.

POWER REQUIREMENTS			AVERAGE POWER To be used for electric consumption	PEAK CURRENT To be used for breaker specification
120 V 50/60 HZ	250 lb	1 TO 2 ACTUATORS	213 W	3.75 A
		3 TO 4 ACTUATORS	426 W	7.5 A
	400 lb	1 TO 2 ACTUATORS	290 W	3.75 A
		3 TO 4 ACTUATORS	580 W	7.5 A
230 V 50/60 HZ	250 lb	1 TO 2 ACTUATORS	213 W	3.75 A
		3 TO 4 ACTUATORS	426 W	7.5 A
	400 lb	1 TO 2 ACTUATORS	310 W	3.75 A
		3 TO 4 ACTUATORS	620 W	7.5 A

D-BOX G3 HAPTIC SYSTEM

1.5" 3" 6"

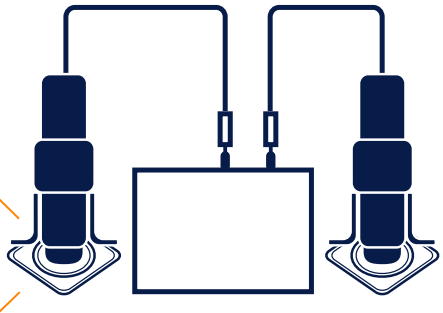
SYSTEM OVERVIEW*

BRACKET OPTIONS

L Bracket
Available on **I series** only

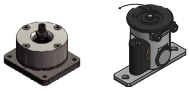
U Bracket
Available on **I series** only

H Bracket
Available on **HD series** only

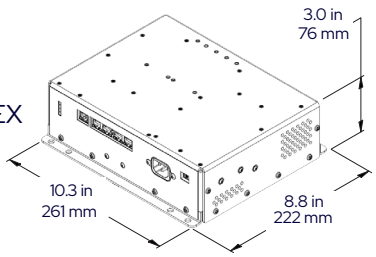


ENDING OPTIONS

NON CAPTIVE ENDINGS



CAPTIVE ENDINGS

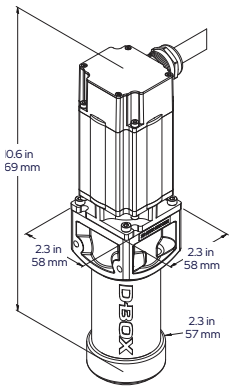


ACM G3 FLEX

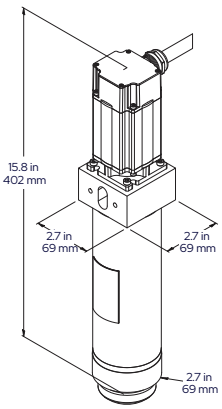
*Two actuator system

1.5" ACTUATOR FAMILY

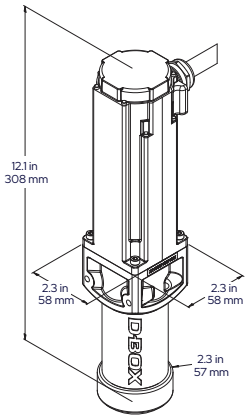
250 I



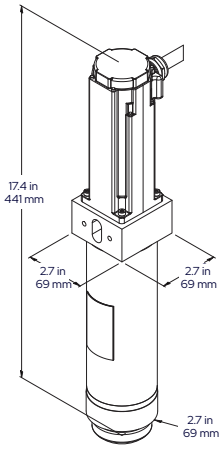
250 HD



400 I



400 HD



*HD refers to an actuator designed with a double nut ball screw for higher durability in high strain environment and extended periods of time.

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